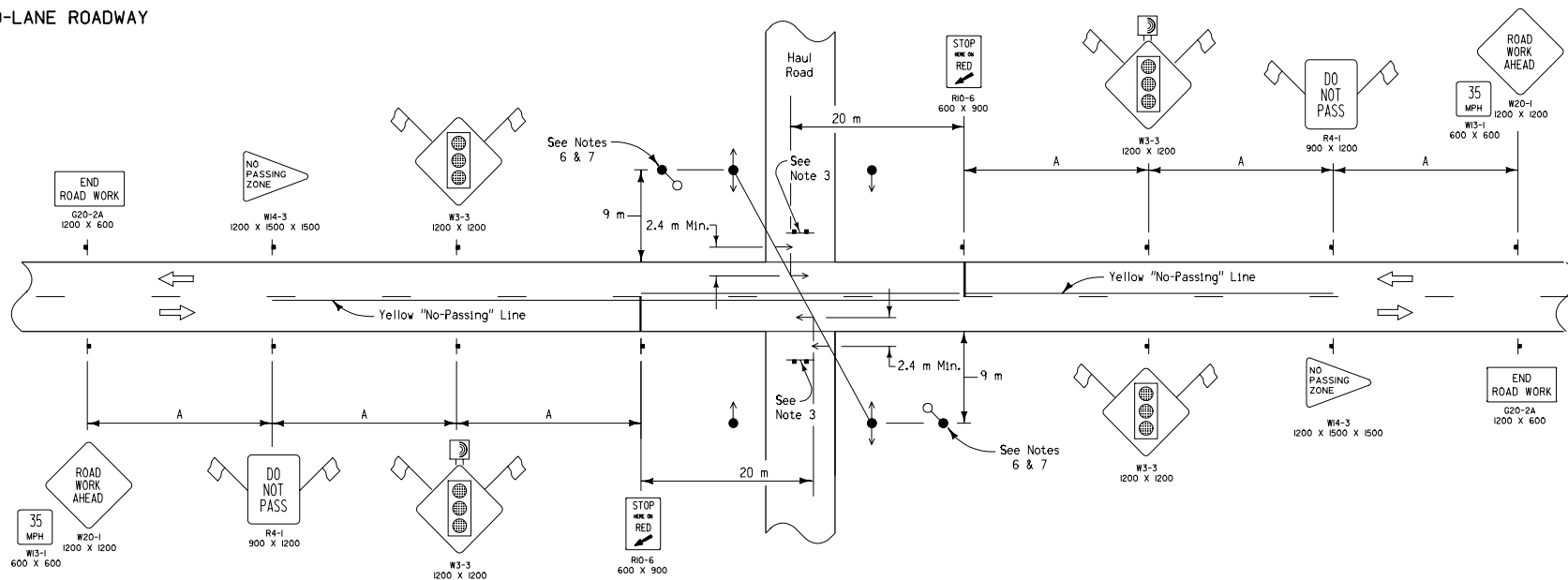


TWO-LANE ROADWAY



GENERAL NOTES:

- Speed Limit refers to the legally established speed limit before construction and not the advisory speed during construction.
- The Contractor shall be responsible for the placement and removal of temporary white edgelines and yellow "No Passing" lines and 600 millimeter wide stop lines. Dashed yellow centerline, if existing, between the stop lines shall be removed prior to the beginning of construction and replaced before opening to normal traffic.
- When the equipment crossing is not in use, Type III barricades shall be placed as shown. SIGNAL AHEAD and STOP HERE ON RED signs shall be covered. If hauling operations are suspended for less than a week, the signal shall be set to yellow flash mode. If hauling operations are suspended for more than one week, the signal heads shall be covered.
- Traffic signals shall be two direction type, push-button actuated and of approved design. The signal system must be preprogrammed with fixed yellow and all red time periods so the operator can only activate the beginning of the yellow interval for mainline traffic.
- Signal timing shall be as follows: When not shown on the plans, the following limitation shall apply. For traffic from all directions, the yellow indication shall be approximately 5 seconds and the all-red clearance interval shall be

approximately 2 seconds. The minimum green interval on the main road shall be 20 seconds. The green interval for haul road traffic shall be set at 12 seconds but may be extended up to a maximum of 30 seconds.

- Temporary safety lighting shall be required only if the haul road is to be used during nighttime hours. See Standard Road Plan RM-49.
- Poles for temporary safety lighting and span wire, and poles used to furnish power to signals and safety lighting shall be offset 9 meters from the traveled way unless there are right-of-way restrictions. Clearance on overhead wiring for signals and floodlighting shall be a minimum 5.5 meters.
- The "Signal Ahead" sign (W3-3) shall be reflectorized with fluorescent orange, wide-angle prismatic retroreflective sheeting.
- Supplemental flags on traffic signs shall be red retroreflective 400 x 400 millimeter rigid flags.
- Left signal head to be centered over traffic lane.

All dimensions given in millimeters unless noted.

M METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN RS-15	
	REVISION: Change reference in note no. 6 to Standard Road Plan RM-49.	REVISION NO. 9
	APPROVED BY: <i>William J. Sten</i> DESIGN METHODS ENGINEER	REVISION DATE 04-20-04
TRAFFIC CONTROL LAYOUT FOR SIGNALIZED EQUIPMENT CROSSING		

SPEED LIMIT (See Note 1)	Approximate Sign Spacing
35 mph	75 m
45 mph	105 m
55 mph	150 m

LEGEND

- Traffic Sign
- Type III Barricade
- Temporary Safety Lighting (Floodlighting)
- Type "B" High Intensity Flashing Warning Light
- Traffic Signal